

| | | | | |
|------------------------------|-----------------------------|---------------|----------|-----------|
| FORM PTO-1449 6/11/01 | ATTY. DKT NO. | 01-157 | SER. NO. | 09/877029 |
| | APPLICANT KIKKAWA et al. | | | |
| | FILING DATE | June 11, 2001 | GROUP | 2661 |

09/877029
06/11/01

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS |
|---------------------|---|--|----------|------------------|-------|-----------|
| TP | 1 | 5,343,470 (discussed on p.3 of spec) | 8/30/94 | Hideshima et al. | — | — |
| TP | 2 | 4,779,092 | 10/18/88 | Takao | — | — |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

FOREIGN PATENT DOCUMENTS

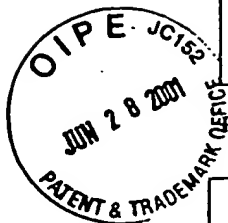
TRANSLATION

| | | DOCUMENT NUMBER | DATE | COUNTRY | NAME | CLASS | SUB CLASS | YES | NO |
|----|---|--------------------|----------|---------|------|-------|--------------|-----|----|
| TP | 3 | JP-A-H4-63744 | 2/28/92 | JAPAN | — | — | — | X | |
| TP | 4 | JP-A-4-310444 | 11/2/92 | JAPAN | — | — | — | X | |
| TP | 5 | JP-A-7-327044 | 12/12/92 | JAPAN | — | — | — | X | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

| | | |
|----------|--------------------|-----------------------------|
| | | |
| | | |
| EXAMINER | <i>[Signature]</i> | DATE CONSIDERED 10/20/04 |

| | | |
|---------------|---------------------------|--------------------|
| FORM PTO-1449 | ATTY. DKT NO. 01-157 | SER. NO. 09/877029 |
| | APPLICANT KIKKAWA et al. | |
| | FILING DATE June 11, 2001 | GROUP 2661 |



REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS |
|------------------|---|--|---------|-----------------|-------|-----------|
| TP | 1 | 5,856,976 (discussed on p.2 of spec.) | 1/5/99 | Hirano | — | — |
| TP | 2 | 5,751,952 | 5/12/98 | Dai et al. | — | — |
| TP | 3 | 5,655,079 | 8/5/97 | Hirasawa et al. | — | — |
| | | | | | | |
| | | | | | | |
| | | | | | | |

FOREIGN PATENT DOCUMENTS

TRANSLATION

| | | DOCUMENT NUMBER | DATE | COUNTRY | NAME | CLASS | SUB CLASS | YES | NO |
|----|---|-----------------|----------|---------|------|-------|-----------|-----|----|
| TP | 4 | JP-A-5-276165 | 10/22/93 | JAPAN | — | — | — | X | |
| TP | 5 | JP-B2-2501450 | 3/13/96 | JAPAN | — | — | — | X | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

| | | |
|----------|--------------------|--------------------------|
| | | |
| | | |
| EXAMINER | <i>[Signature]</i> | DATE CONSIDERED 10/20/04 |



| | | | | |
|---------------|---------------|---------------|----------|------------|
| FORM PTO-1449 | ATTY. DKT NO. | 01-157 | SER. NO. | 09/877,029 |
| | APPLICANT | KIKKAWA | | |
| | FILING DATE | June 11, 2001 | GROUP | 2661 |

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS |
|---------------------|---|--------------------|-------------|-----------------|--|-----------|
| TP | 1 | 6,400,729 | Jun 4, 2002 | Shimadoi et al. | RECEIVED OCT 07 2003 Technology Center 2600 | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | | | | | | | TRANSLATION | |
|----|---|-----------------|----------|---------|------|-------|--------------|-----------------|----|
| | | DOCUMENT NUMBER | DATE | COUNTRY | NAME | CLASS | SUB CLASS | YES | NO |
| TP | 2 | JP-A-H03-283842 | 12/13/91 | JAPAN | — | — | — | X (Abstract) | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

* Full English text of the JP Document will be available in machine-translated form from JP (Japanese Patent Office)
English language web site at <http://www1.ipdl.jpo.go.jp/PA1/cgi-bin/PA1INDEX>.

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

| | | |
|-----------------|--|----------|
| EXAMINER | | |
| | | |
| DATE CONSIDERED | | 10/20/04 |

| | | |
|--|----------------------------------|----------------------------|
| FORM PTO-1449 | ATTY. DKT NO. 01-157 | SER. NO. 09/877,029 |
| APR 13 2004 PATENT & TRADEMARK OFFICE | APPLICANT Kikkawa, et al. | |
| | FILING DATE June 11, 2001 | GROUP 2661 |

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS |
|---------------------|---|--------------------|----------|------------------|-------|-----------|
| TP | 1 | 5,856,976 | 01/05/99 | Hirano | — | — |
| TP | 2 | 5,926,479 | 07/20/99 | Baran | — | — |
| TP | 3 | 5,640,399 | 06/17/97 | Rostoker, et al. | — | — |
| | | | | | | |
| | | | | | | |

FOREIGN PATENT DOCUMENTS

TRANSLATION

| | | DOCUMENT NUMBER | DATE | COUNTRY | NAME | CLASS | SUB CLASS | YES | NO |
|----|---|-----------------|----------|---------|------|-------|--------------|-----|----|
| TP | 4 | 0 484 212 | 10/25/91 | France | — | — | — | — | X |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

* Full English text of the JP Document will be available in machine-translated form from JP (Japanese Patent Office) English language web site at <http://www1.ipdl.jpo.go.jp/PA1/cgi-bin/PA1INDEX>.

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

| | | | |
|----------|--------------------|--|---------------------------------------|
| TP | | French Office Action dated February 23, 2004 | RECEIVED APR 14 2004 |
| | | | Technology Center 2600 |
| EXAMINER | <i>[Signature]</i> | DATE CONSIDERED | <i>10/20/04</i> |